

Please type a plus sign (+) inside box ☐

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)

Attorney Docket No. 112025-0122

First Inventor or Application Identifier Arun G. Khanna

Title DLSW RIF PASSTHRU TECHNIQUE FOR PROVIDING END-TO-END  
SOURCE ROUTE INFORMATION TO END STATIONS OF A DATA  
LINK SWITCHING NETWORK

Express Mail Label No. EL024698975US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility application contents

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \*Fee Transmittal Form (e.g., PTO/SB/17)

(Submit an original and a duplicate for fee processing)

2. ☒ Specification [Total Pages 30]

(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the invention
- Brief Summary of the invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☒ Drawing(s) [Total Sheets 5]

4. Oath or Declaration [Total Pages 2]

a. ☒ Newly executed (original copy)

b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))

(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]

I. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. ☐ Incorporation By Reference (useable if Box 4b is checked)

The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 4b, is  
considered to be part of the disclosure of the  
accompanying application and is hereby incorporated by  
reference therein

6. ☐ Microfiche Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Sequence  
Submission

((if applicable, all necessary))

- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (Identical to computer copy)
- c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))

37 C.F.R. § 3.73(b)

9. ☐ Statement (when there is ☒ Power of Attorney  
an assignee)

10. ☐ English Translation Document (if applicable)

11. ☐ Information Disclosure  
Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

12. ☐ Preliminary Amendment

13. ☒ Return Receipt Postcard (MPEP 503)

(Should be specifically itemized)

\*Small Entity

14. ☐ Statement(s) ☐ Statement filed in prior application,  
(PTO/SB/09-12) Status still proper and desired

15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16. ☐ Other:

NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO  
PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS  
REQUIRED (37 C.F.R. § 1.27). EXCEPT IF ONE FILED IN A  
PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment.

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: /

Prior application Information: Examiner

Group/Art Unit:

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code  
Label

or ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name Charles J. Barbas

Address Cesari and McKenna  
30 Rowes Wharf

City Boston

State

MA

Zip Code

02110

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(617) 951-2500

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Name (Print/Type)

Charles J. Barbas

Registration No. (Attorney/Agent)

32,959

Signature

*Charles J. Barbas*

Date

March 4, 1999

# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT

(\$)

800

## Complete If Known

Application Number

Not Yet Assigned

Filing Date

March 4, 1999

First Named Inventor

Arun G. Khanna

Examiner Name

Not Yet Assigned

Group / Art Unit

Not Yet Assigned

Attorney Docket No.

112025-0122

### METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

03-1237

Deposit  
Account  
Name

Cesari and McKenna, LLP

☒ Charge Any Additional Fee

☐ Required Under

37 C.F.R. §§1.16 and 1.17

☐ Charge the Issue Fee Set in

37 C.F.R. §§1.18 at the Mailing of

the Notice of Allowance

2. ☒ Payment Enclosed:

☒ Check

☐ Money

☐ Other

Order

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee  
Code (\$) Code (\$)

Fee Description

Fee Paid

101 760 201 380

Utility filing fee

760

106 310 206 155

Design filing fee

107 480 207 240

Plant filing fee

108 760 208 380

Reissue filing fee

114 150 214 75

Provisional filing fee

SUBTOTAL (1) (\$)

760

#### 2. EXTRA CLAIM FEES

Extra  
Claims

Fee from  
below

Fee Paid

Total Claims 20 - 20\*\* =

0

x

18

=

0

Independent Claims 3 - 3\*\* =

0

x

78

=

0

Multiple Dependent

=

0

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Fee Fee Fee  
Code (\$) Code (\$)

Fee Description

103 18 203 9

Claims in excess of 20

102 78 202 39

Independent claims in excess of 3

104 260 204 130

Multiple dependent claim, if not paid

109 78 209 39

\*\*Reissue independent claims over original patent

110 18 210 9

\*\*Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

0

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Description

Fee  
Paid

Fee Fee Fee Fee  
Code (\$) Code (\$)

105 130 205 65

Fee Surcharge - late filing fee or oath

127 50 227 25

Surcharge - late provisional filing fee or cover sheet

139 130 139 130

Non-English Specification

147 2,520 147 2,520

For filing a request for reexamination

112 920 112 920\*

Requesting publication of SIR prior to Examiner action

113 1,840 113 1,840\*

Requesting publication of SIR after Examiner action

115 110 215 55

Extension for reply within first month

116 380 216 190

Extension for reply within second month

117 870 217 435

Extension for reply within third month

118 1,360 218 680

Extension for reply within fourth month

128 1,850 128 925

Extension for reply within fifth month

119 300 219 150

Notice of Appeal

120 300 220 150

Filing a brief in support of an appeal

121 260 221 130

Request for oral hearing

138 1,510 138 1,510

Petition to institute a public use proceeding

140 110 240 55

Petition to revive - unavoidable

141 1,210 241 605

Petition to revive - unintentional

142 1,210 242 605

Utility Issue fee (or reissue)

143 430 243 215

Design Issue fee

144 580 244 290

Plant Issue fee

122 130 122 130

Petitions to the Commissioner

123 50 123 50

Petitions related to provisional applications

126 240 126 240

Submission of Information Disclosure Stmt

581 40 581 40

Recording each patent assignment per

property (times number of properties)

146 760 246 380

Filing a submission after final rejection (37 CFR 1.129(a))

149 760 249 380

For each additional invention to be examined (37 CFR 1.129(b))

Other (specify)

Other fee (specify)

SUBTOTAL (3) (\$)

40

\*Reduced by Basic Filing Fee Paid

### SUBMITTED BY

Typed or  
Printed Name

Charles J. Barbas

Signature

*Charles J. Barbas*

Date

March 4, 1999

### Complete (if applicable)

Reg. Number

32,959

Deposit Account User ID

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

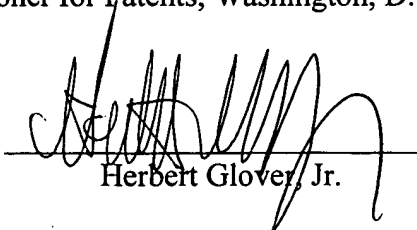
In Re The Application of:	)	
Arun G. Khanna	)	
	)	Examiner: Not Yet Assigned
Serial No.: Not Yet Assigned	)	
	)	
Filed: March 4, 1999	)	Art Unit: Not Yet Assigned
	)	
For: DLSw RIF PASSTHRU TECH- NIQUE FOR PROVIDING END- TO-END SOURCE ROUTE IN- FORMATION TO END STATIONS OF A DATA LINK SWITCHING NETWORK	)	

Cesari and McKenna, LLP  
30 Rowes Wharf  
Boston, MA 02110  
March 4, 1999

**CERTIFICATE OF EXPRESS MAILING**

“Express Mail” Mailing-Label Number: EL024698975US

I hereby certify that the following United States Patent Application (30 pages), Informal Drawings (5 pages), Declaration and Power of Attorney, Assignment, Recordation Form Cover Sheet, Check in the amount of \$760.00 and Check in the amount of \$40.00 are being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10 in an envelope addressed to the Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231, on March 4, 1999.

  
Herbert Glover, Jr.